

ENVIRONMENTAL PROTECTION AGENCY

Office of Enforcement

CHAIN OF CUSTODY RECORD

REGION 5

77 West Jackson Boulevard

Chicago, Illinois 60604

PROJ. NO. 02AH71		PROJECT NAME Chehsire Monitoring study				NO. OF CON- TAINERS	<div style="text-align: right;">Activity Code: 12345</div> <div style="text-align: center; font-size: 2em;">AIR 0210005</div>									
SAMPLERS: (Print Name and Sign) mike Murphy <i>Mike Murphy</i> <i>Mike Murphy</i>																
STA. NO.	DATE	TIME	COM P	GRAB	STATION LOCATION											
D01	9/29	00:00	X		GHS	1	TAG NUMBERS 5-340310 1 to 1									
S01	9/29	00:00	X		GHS	1	5-340309 1 to 1									
S02	9/29	00:00	X		GHS	1	5-340311 1 to 1									
S03	9/29	00:00	X		ADDAVILLE	1	5-340312 1 to 1									
							GHS# 3012, PSTg Avg = 21.35									
							GHS# 3013, PSTg Avg = 20.5									
							RVHS, PSTg Avg = 20.55									
							Addaville, PSTg Avg = 20.35									
Relinquished by: (Signature) <i>M.J. Murphy</i>			Date / Time 9-29-02 07:56		Received by: (Signature) <i>[Signature]</i>			Ship To:								
Relinquished by: (Signature)			Date / Time		Received by: (Signature)											
Relinquished by: (Signature)			Date / Time		Received for Laboratory by: (Signature) <i>[Signature]</i>			Date / Time 10/10/02 13:54		ATTN:						
								Airbill Number UPS# 1240119901 4072 8467								
										Chain of Custody Seal Numbers						

5-140077

Project No. 02AH71 Project Name AIR 0210005 CHESHIRE MONITORING STUDY
ARRIVAL DATE: 10/10/2002 DUE DATE 11/1/2002

Sampler
mike Murphy

Cooler ID 02AH711 Page 5-140077

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH71D01	D01	29/09/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	GHS	1	5-340310 1 to 1

Bottle No. 1

Parameter
PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH71S01	S01	29/09/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	GHS	1	5-340309 1 to 1

Bottle No. 1

Parameter
PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH71S02	S02	29/09/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	GHS	1	5-340311 1 to 1

Bottle No. 1

Parameter
PM10

Sample Id:	Station	Date / Time	Grab / Comp	Station Location	No Bottles	Tag Numbers
02AH71S03	S03	29/09/2002 00:00:00	<input type="radio"/> Grab <input checked="" type="radio"/> Com	ADDAVILLE	1	5-340312 1 to 1

Bottle No. 1

Parameter
PM10

CENTRAL REGIONAL LABORATORY
Data Checklist

Data Set AIR 0210005 Cheshire Monitoring Study
PM10

☒ Chain of Custody

☒ Reported in LIMS

☒ Transmittal Report w/signatures of the following:

- Analyst(s)
- Environmental Data Coordinator

Prepared by: Sylvia Griffin 10-22-02
Environmental Data Coordinator

Revised 11-04-02

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION 5 CENTRAL REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605

Reported
10-22-02

I

Subject: Review of Region 5 Data for **CHESHIRE MONITORING STUDY**

From: **Francis A. Awanya, Chemist** FAA
Region 5 Central Regional Laboratory

To:

Attached are the results for: **CHESHIRE MONITORING STUDY**

CRL data set number: **0210005**

Samples analyzed for: **Suspended Particles**

Results are reported for sample designations: **2002AH71D01, 2002AH71S01, 2002AH71S02, and 2002AH71S03.**

Reported

OCT 2 2 2002

Data Management Coordinator and Date Received

Date Transmitted: OCT 2 2 2002

Please have the U.S. EPA Project Manager/Officer complete the Customer Satisfaction Survey, attached, or call the CRL Sample Coordinator at 3-1226.

Please sign and date this form below and return it with any comments to:

Sylvia Griffin
Data Management Coordinator
Region 5 Central Regional Laboratory
ML-10C

_____/_____
Received by and Date

Comments:

Rev. 7/23/01

CRL Data Review Qualification Codes

QUALIFIER	DESCRIPTION
B	This flag is used when the analyte is found in the associated <u>B</u> lank as well as the sample. It indicates possible blank contamination and warns the user to take appropriate action while assessing the data. See the case narrative for a discussion of common lab contaminants and/or the relative concentration of contamination in the samples and blanks for relevance.
J	This flag is used when the analyte is <u>estimated</u> due to quality control limit(s) being exceeded. This flag accompanies all GC/MS tentatively identified compounds (TICs). This flag also applies to a suspected, unidentified interference. This flag is placed on affected detected results as well as non-detected (i.e., "U" flagged) results. (<u>J</u> is the flag used in the Superfund CLP SOW and Data Review Functional Guidelines and is used by CRL for consistency.)
M	This flag is used when the analyte is confirmed to be qualitatively present in the sample, extract or digestate, with a quantity at or above the CRL <u>M</u> ethod Detection Limit (MDL) but below the lowest concentration of the calibration curve. This flag indicates the quantitated value is <u>estimated</u> since it falls below the lowest calibration standard in the calibration curve.
N	This flag applies to GC/MS Te <u>N</u> tatively Identified Compounds (TICs) that have a mass spectral library match.
Q	This flag applies to analyte data that are severely estimated due to quality control and/or <u>Q</u> uantitation problems, but are confirmed to be qualitatively present in the sample. <u>No value is reported with this qualification flag.</u>
R	This flag applies to analyte data that are <u>R</u> ejected and unusable due to severe quality control, quantitation and/or qualitative identification problems. No other qualification flags are reported for this analyte. <u>No value is reported with this qualification flag.</u>
U	This flag is used when the analyte was analyzed for but <u>U</u> ndetected in the sample. The CRL RL for the analyte accompanies this flag. When the customer requests CRL to report below our RL down to our MDL, undetected analytes are reported with a "U" code and the MDL. As with sample results that are positive, the value is corrected for dry weight, dilution and/or sample weight or volume.

03/07/01



Environmental Protection Agency Region 5
Central Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

WORK ORDER

Printed: 10/17/02 12:10:20PM

0210005

US EPA Region 5 Central Regional Laboratory

Client: Air Division, US EPA Region 5
Project: Gavin, Cheshire, Ohio

Project Manager: Marilyn Jupp
Project Number: [none]

Report To:

Kathy Triantafillou
Air Division, US EPA Region 5

77 West Jackson Boulevard
Chicago, IL 60605

Phone: (312) 353-4775
Fax: (312) 353-2001

Date Due: Nov-01-02 15:00 (21 day TAT)

Received By: William Sargent

Date Received: Oct-10-02 13:54

Logged In By: William Sargent

Date Logged In: Oct-10-02 15:12

Samples Received at:	°C	Starts 8-3-01
All containers intact:	No	Ends 8-3-02
Sample labels/COC agree:	No	
Samples Preserved Properly:	No	
Custody Seals Present:	No	

Analysis	Due	TAT	Expires	Comments
----------	-----	-----	---------	----------

0210005-01 2002AH71D01-GHS#3012, PSTG AVG=21.35 [Air Filter] Sampled
Sep-29-02 00:00 Central

PM10	Nov-01-02 12:00	21	Sep-29-03 00:00
------	-----------------	----	-----------------

0210005-02 2002AH71S01-GHS#3013, PSTG AVG=20.5 [Air Filter] Sampled
Sep-29-02 00:00 Central

PM10	Nov-01-02 12:00	21	Sep-29-03 00:00
------	-----------------	----	-----------------

0210005-03 2002AH71S02-RVHS,PSTG AVG=20.55 [Air Filter] Sampled
Sep-29-02 00:00 Central

PM10	Nov-01-02 12:00	21	Sep-29-03 00:00
------	-----------------	----	-----------------

0210005-04 2002AH71S03-ADDAVILLE, PSTG AVG=20.35 [Air Filter]
Sampled Sep-29-02 00:00 Central

PM10	Nov-01-02 12:00	21	Sep-29-03 00:00
------	-----------------	----	-----------------

Data Set Number:	<u>0210005</u>	Parameter:	<u>Suspended Particles</u>
Facility Name:	<u>CHESHIRE MONITORING STUDY</u>		
Study Name:	<u>CHESHIRE MONITORING STUDY</u>		
Date of Narrative:	<u>10/17/2002</u>	Analyst:	<u>FAA</u>
Prepared by:	<u>FAA</u>	Signature:	<u>FAA</u>

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on September 30, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

Filters ID	Samples ID	Tag Number
Q6597455	2002AH71D01	5-340310-1
Q6597454	2002AH71S01	5-340309-1
Q6597457	2002AH71S02	5-340311-1
Q6597456	2002AH71S03	5-340312-1

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 10/15/2002 and was completed on 10/17/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter Q6597457 (CRL Sample I.D 2002AH71S02) and Q6597456 (CRL Sample I.D 2002AH67S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

ENVIRONMENTAL PROTECTION AGENCY
REGION V
CENTRAL REGIONAL LABORATORY
FINAL RESULT REPORT FOR THE TEAM: ANALYTICAL AND INORGANIC (A&I)

DIVISION/BRANCH: AIR DIVISION SAMPLING DATE: 09/29/2002 LAB ARRIVAL DATE: 10/10/2002 DUE DATE: 11/01/2002
DU NUMBER: 90101A WORK ORDER NUMBER: 0210005 STUDY: CHESHIRE MONITORING STUDY PRIORITY: 1 LABORATORY :CRL

SAMPLE #	CRL LOG NUMBER	SAMPLE DESCRIPTION	SUSPENDED PARTICLE (g/filter)			
1	2002AH71D01	GUIDING HANDS SCHOOL	0.0369			
2	2002AH71S01	GUIDING HANDS SCHOOL	0.0373			
3	2002AH71S02	RVHS	0.0341			
4	2002AH71S03	ADDAVILLE	0.0323			
DATE OF ANALYSIS			10/15-17/2002			
ANALYST			FAA			

Reviewed by: M. Date: 10/21/2002

CRL SOP: HK015	Date: 07 January 2000	Revision No: 1
Data review for the Analytical and Inorganic Group		Page ___ of ___

ATTACHMENT II

CRL Analytical and Inorganics Data Review Checklist

Batch Number: 0210005 Facility: CHESHIRE MONITORING STUDIES
 Parameter: SUSPENDED PARTICLES CRL.SOP: AIGD47

Package Overview:	YES	NO
Raw Data Package Complete?	✓	
Results Reported Correctly?	✓	
Special Requests Done?	N/A	
Calculations Checked?	✓	
Calibration Not Exceeded?	N/A	
Manual Peak Integration performed? Circle one IC or GC and Check	N/A	
Field QC Checked?	N/A	
Quality Control:		
Holding Times Met?	✓	
Preservation Checked?	N/A	
Proper Digestion Verified?	N/A	
Initial Instrument Performance Checks Verified?	✓	
Calibration Verification Checked?	N/A	
Sample-Specific QC (Internal Standards or Analytical Spikes) Okay?	N/A	
Matrix QC Checked?	N/A	
Digestion Blanks Checked?	N/A	
Spiked Blank Checked?	N/A	
LCS (if applicable) Checked?	N/A	
QCS (if applicable) Checked?	✓	
Final Check		
Technical Review Done?	✓	
Narrative Complete?	✓	

Analyst: FRA Peer Reviewer: AT

Date: 10/18/02 Date: 10/21/2002

Comments Attached? (Y/N) N

Data Set Number:	<u>0210005</u>	Parameter:	<u>Suspended Particles</u>
Facility Name:	<u>CHESHIRE MONITORING STUDY</u>		
Study Name:	<u>CHESHIRE MONITORING STUDY</u>		
Date of Narrative:	<u>10/17/2002</u>	Analyst:	<u>FAA</u>
Prepared by:	<u>FMA</u>	Signature:	<u>FMA</u>

ANALYSIS CASE NARRATIVE

Four (4) exposed filters were received for suspended particle analysis at the Central Regional Laboratory (CRL) on September 30, 2002. Those filters were fractions of clean filters, prepared at the CRL and sent to the field for exposure. Filter identification numbers and other pertinent information obtained from the individual filters and packaging envelopes are presented in the table below.

Filters ID	Samples ID	Tag Number
Q6597455	2002AH71D01	5-340310-1
Q6597454	2002AH71S01	5-340309-1
Q6597457	2002AH71S02	5-340311-1
Q6597456	2002AH71S03	5-340312-1

Filter equilibrations and final weighting of exposed filters were performed according to CRL.SOP AIG047. Analysis of exposed filters began on 10/15/2002 and was completed on 10/17/2002. All exposed filters were in good conditions. No sampler serial numbers were provided by the field for filter Q6597457 (CRL Sample I.D 2002AH71S02) and Q6597456 (CRL Sample I.D 2002AH67S03).

QUALITY CONTROL (QC):

Analysis results were evaluated using the QC requirements of CRL.SOP AIG047. All the required quality control criteria for the laboratory, method, and system performance audits were evaluated and determined to be within the limits.

SAMPLE RESULTS:

All the sample results are acceptable for use.

ELECTRONIC DATA:

No electronic data.

CHESHIRE AIR MONITORING PROJECT

PM10

Parameter: Suspended Particles

Work Ordert Numbers:

0208008, 0209001, 0209002, 0209015, 0209015, 0209016, 0209017, 0209018, 0210005

Date of Analysis 8/16/2002

Analyst: FAA

BALANCE VERIFICATION:

Standard Weights	Balanced weight	Differences
Actual (g)	Balanced (g)	(g)
Limit +/-0.0005 g		

1.0000	1.0000	0.0000
2.0000	2.0000	0.0000
5.0000	4.9998	0.0002

QC-SUMMARY FOR EXPOSED FILTERS

Filter ID	CRL Sample	Sampling	ANALYST	Exposed
Number	I.D Number	Date		weight (g)
Q6597484	2002AH64S01	08/18/02	Analyst 1	4.4425
Q6597484	2002AH64S01	08/18/02	Analyst 2	4.4430
Differences (Limit +/- 5 mg).....				-0.0005
Q6597471	2002AH65S02	08/24/02	Analyst 1	4.4799
Q6597471	2002AH65S02	08/24/02	Analyst 2	4.4800
Differences (Limit +/- 5 mg).....				-0.0001

**CHESHIRE AIR MONITORING PROJECT
PM10**

Filter ID Number	CRL Sample I.D Number	Sampling Date	Station Location	Sampler SN	Pstg Avg	P1/Pa	Total Volume (M^3)	Pre Weight of filters (g)	Exposed weight (g)	Weight Gain	PM10 (UG/M^3)
Work Order Number 0208008											
Q8609567	2002AH62D01	08/06/02	Guiding Hands School	3012	16.10		0.00	4.3699	4.4610	0.0911	ERR
Q8609568	2002AH62S01	08/06/02	Guiding Hands School	3013	16.30		0.00	4.3413	4.4385	0.0972	ERR
Q6597482	2002AH62S02	08/06/02	RVHS	-	20.00		0.00	4.4009	4.4795	0.0786	ERR
Q6597481	2002AH62S03	08/06/02	Addaville	-	20.50		0.00	4.4009	4.4221	0.0212	ERR
Work Order Number 0209001											
Q6597480	2002AH63D01	08/12/02	Guiding Hands School	3013	20.45		0.00	4.4166	4.4776	0.0610	ERR
Q6597479	2002AH63S01	08/12/02	Guiding Hands School	3012	20.90		0.00	4.4190	4.4659	0.0469	ERR
Q6597493	2002AH63S02	08/12/02	RVHS	-	21.10		0.00	4.4035	4.4594	0.0559	ERR
Q6597489	2002AH63S03	08/12/02	Addaville	-	20.80		0.00	4.4134	4.4632	0.0498	ERR
Work Order Number 0209002											
Q6597488	2002AH64D01	08/18/02	Guiding Hands School	3013	20.95		0.00	4.4444	4.4624	0.0180	ERR
Q6597484	2002AH64S01	08/18/02	Guiding Hands School	3012	20.85		0.00	4.4140	4.4425	0.0285	ERR
Q6597486	2002AH64S02	08/18/02	RVHS	-	21.05		0.00	4.3839	4.3995	0.0156	ERR
Q6597487	2002AH64S03	08/18/02	Addaville	-	18.85		0.00	4.4050	4.4266	0.0216	ERR
Work Order Number 0209015											
Q6597485	2002AH65D01	08/24/02	Guiding Hands School	3012	20.20		0.00	4.4080	4.4662	0.0582	ERR
Q6597490	2002AH65S01	08/24/02	Guiding Hands School	3013	20.05		0.00	4.3813	4.4362	0.0549	ERR
Q6597492	2002AH65S02	08/24/02	RVHS	-	20.10		0.00	4.4290	4.4850	0.0560	ERR
Q6597471	2002AH65S03	08/24/02	Addaville	-	20.50		0.00	4.4502	4.4799	0.0297	ERR
Work Order Number 0209016											
Q6597491	2002AH66D01	08/30/02	Guiding Hands School	3012	20.30		0.00	4.4264	4.4412	0.0148	ERR
Q6597494	2002AH66S01	08/30/02	Guiding Hands School	3013	20.90		0.00	4.4152	4.4529	0.0377	ERR
Work Order Number 0209017											
Q6597467	2002AH67D01	09/05/02	Guiding Hands School	3012	21.35		0.00	4.4111	4.4445	0.0334	ERR
Q6597466	2002AH67S01	09/05/02	Guiding Hands School	3013	20.75		0.00	4.4130	4.4383	0.0253	ERR
Q6597464	2002AH67S02	09/05/02	RVHS	-	21.15		0.00	4.4320	4.4724	0.0404	ERR
Q6597465	2002AH67S03	09/05/02	Addaville	-	21.10		0.00	4.4245	4.4566	0.0321	ERR
Work Order Number 0209018											
Q6597446	2002AH70S01	09/23/02	Guiding Hands School	3012	21.05		0.00	4.4275	4.4432	0.0157	ERR
Q6597460	2002AH70S03	09/23/02	Addaville	-	20.40		0.00	4.4310	4.4545	0.0235	ERR
Work Order Number 0210005											
Q6597455	2002AH71D01	09/29/02	Guiding Hands School	3012	21.35		0.00	4.4549	4.4918	0.0369	ERR
Q6597454	2002AH71S01	09/29/02	Guiding Hands School	3013	20.50		0.00	4.4837	4.5210	0.0373	ERR
Q6597457	2002AH71S02	09/29/02	RVHS	-	20.55		0.00	4.4527	4.4868	0.0341	ERR
Q6597456	2002AH71S03	09/29/02	Addaville	-	20.35		0.00	4.4566	4.4889	0.0323	ERR

Filter
ID.TARE
Weight (g)Dup
Wt (g)Exposed
Wt (g)Exposed
Wt (g) - dup

Comment

F

Q6597467	4.4111		4.4445			Q6
Q6597466	4.4130		4.4383			Q6
Q6597465 -	4.4245	4.4250 12	4.4566			Q6
Q6597464	4.4220 ^{no}		4.4724			Q6
Q6597463	4.4025					Q6
Q6597462	4.4330					Q6
Q6597461	4.4272					Q6
Q6597460	4.4310		4.4545			Q6
Q6597459	4.4555					Q6
Q6597458	4.4582					Q6
Q6597457	4.4527		4.4868			Q6
Q6597456	4.4566		4.4889	4.4889 M.		Q6
Q6597455	4.4549		4.49138 ^{For 10/17/02}			Q6
Q6597454	4.4837		4.5210		Tear on the middle	Q6
Q6597453	4.4735					Q6
Q6597452	4.4408					Q6
Q6597451 -	4.4470	4.4473 12				Q6
Q6597450	4.4630					Q6
Q6597449	4.4365 ^{no}					Q6
Q6597448	4.4437					Q6
Q6597447	4.4437					Q6
Q6597446	4.4275		4.4430 ^{For 10/17/02}			Q6
Q6597445 -	4.4067	4.4071 12				Q6
Q6597444	4.4299					
Q6597443	4.4320					

COMMENTS:

PM-10 ☒ SAROAD OPERATOR OPPA DATE 9-29-02
 TSP 615# 301#2 SITE 06597455
 ELAPSED TIME 1440 MINUTES PRESS mmHg TEMP C K 21.35 minutes
 FLOW m/min TOTAL FLOW m SAMPLE WT g
 STD ACTUAL PM-10 ug/m

US EPA Region 5 Field Sample



5-340310--1

Parameters PM10

AIR 0210005

Preservative None

S M MD B D

Sample ID 02AH71D01

X

Sampler M. G. M. M. M.Date 9-29-02

PM-10	AIR	TSP	AVG. RECORDER RESP.	ELAPSED TIME	MINUTES	PRESS	TOTAL FLOW	PM-10	ACTUAL	STD
ug/m ³	ug/m ³	ug/m ³	ug/m ³	mmHg	m ³ /min	m ³	m ³	ug/m ³	ug/m ³	ug/m ³
9	9	9	9	9	9	9	9	9	9	9
DATE	OPERATOR	SITE	CHS # 30123	Q6597957	10/10/02	20.5	21.35	1440	1440	1440

5-340309-1

AIR 0210005

S M MD B D

X

Date 9-24-02

COMMENTS:

STD

ACTUAL

PM-10

ug/m³

FLOW

m³/min

TOTAL FLOW

m³

SAMPLE WT

g

ELAPSED TIME

1440

MINUTES

PRESS

mmHg

INITIAL WT

g

AVG. RECORDER RESP. 20.55

TEMP

C

K

FINAL WT

g

TSP

SITE R015

Q6597957

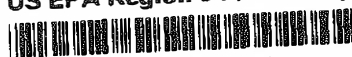
PM-10

SAROAD

OPERATOR QCPH

DATE 9-27-02

US EPA Region 5 Field Sample



5-340311-1

Parameters PM10

AIR 021 0005

Preservative None

S M M D B D

Sample ID 02AH71S02

X

Sampler M. J. Murphy

Date 9-29-02

COMMENTS:

STD _____ ACTUAL _____ PM-10 _____ $\mu\text{g}/\text{m}^3$
 FLOW _____ m/min TOTAL FLOW _____ m SAMPLE WT _____ g
 ELAPSED TIME 1440 MINUTES PRESS _____ mmHg INITIAL WT _____ g
 AVG. RECORDER RESP 20.55 TEMP _____ C K FINAL WT _____ g
 TSP _____ SITE Abba/le Q6587456
 PM-10 ☒ SAROAD _____ OPERATOR DEM DATE 9-29-02

US EPA Region 5 Field Sample



5-340312-1

Parameters PM10

AIR 0210005

Preservative None

S M MD B D

Sample ID 02AH71503

X

Sampler M.J. MurphyDate 9-29-02

CEC ITS ED(g)	General INFO	STANDARD weights (g) (Actual)	Balanced weights (g) (Balanced)
01(mg)			100.00 mg ^{100.00 mg}
01(mg)	Mettler A6285	100.00 mg	100.00 mg
01(mg)	S/N 1120181838	200.00 mg	200.00 mg
02 g	10/09/02 AJ.	500.00 mg	500.02 mg
02 g		20.0 g	20.0003 g
02 g		50.0 g	50.0002 g
02 g		100.0 g	100.0000 g
	Mettler A6285	100. mg	100.01 mg
	S/N 1120181838	200. mg	200.07 mg
	10/10/02 AJ.	500. mg	499.93 mg
		20 g	20.0000 g
		50 g	49.9999 g
		100. g	100.0001 g
5 mg			
2 mg	SARTORIUS		
1 mg	37010119	1.0000	0.9999
1/2 g	10/10/10/11/02	2.0000	1.9999
2 g	FAB	5.0000	10/11/02 FAB 5.0001
6(g)			
112	Mettler A6285	100 mg	99.98 mg
1 mg	S/N 1120181838	200 mg	99.99 mg FAB
1 mg	10/15/02 AJ.	500 mg	200.00 mg
		20 g	500.03 mg
		50 g	20.0002
		100 g	50.0006
			100.0001
2(g)			
2 g	Mettler A6285	100 mg	99.98 mg
3 g	S/N 1120181838	200 mg	200.05 mg
	10/16/02 AJ.	500 mg	500.02
		20 g	20.0002 g
		50 g	50.0001 g
		100 g	100.0001 g
g)			
mg)	SARTORIUS		
mg)	37010119	1.0000	1.0000
3)	10/17/02 FAB	2.0000	2.0000
g)		5.0000	4.9998
(g)			

